

Table Three—Continued

Vessel	No.	Masthead lights arc of visibility, rule 21(e)	Side lights arc of visibility, rule 21(b)	Stern light arc of visibility, rule 21(c)	Side lights distance in board of ship's sides in meters, rule 3(b) annex 1	Stern light distance forward of stern in meters, rule 21(c)	Forward anchor light, height above hull in meters, 2(K) annex 1	Anchor lights relationship of aft light to forward light in meters, 2(K) annex 1
USS MARIANO G. VALLEJO	SSBN 658	234°	116°	252°	3.8	7.6	2.1	1.1 below
USS OHIO	SSBN 726	225°	112.5°	209°	5.3	9.0	3.8	4.0 below
USS MICHIGAN	SSBN 727	225°	112.5°	209°	5.3	9.0	3.8	4.0 below
USS FLORIDA	SSBN 728			209°	5.3	9.0	3.8	4.0 below
USS GEORGIA	SSBN 729	225°	112.5°	209°	5.3	9.0	3.8	4.0 below
USS HENRY M. JACKSON	SSBN 730			209°	5.3	9.0	3.8	4.0 below
USS ALABAMA	SSBN 731			209°	5.3	9.0	3.8	4.0 below
USS ALASKA	SSBN 732			209°	5.3	9.0	3.8	4.0 below
USS NEVADA	SSBN 733			209°	5.3	9.0	3.8	4.0 below
USS TENNESSEE	SSBN 734			209°	5.3	9.0	3.8	4.0 below
USS PENNSYLVANIA	SSBN 735			211.5°	5.3	9.0	3.8	4.0 below
USS WEST VIRGINIA	SSBN 736			211.5°	5.3	9.0	3.8	4.0 below
USS KENTUCKY	SSBN 737			209°	5.3	9.0	3.8	4.0 below
USS MARYLAND	SSBN 738			209°	5.3	9.0	3.8	4.0 below
USS NEBRASKA	SSBN 739			209°	5.3	9.0	3.8	4.0 below
USS RHODE ISLAND	SSBN 740			209°	5.3	9.0	3.8	4.0 below
USS MAINE	SSBN 741			209°	5.3	9.0	3.8	4.0 below
USS WYOMING	SSBN 742			209°	5.3	9.0	3.8	4.0 below
USS LOUISIANA	SSBN 743			209°	5.3	9.0	3.8	4.0 below
YTB-752	YTB 752			209°	2.69	13.71		
OSHKOSH	YTB 757				2.70	13.30		
YTB 758	YTB 758				2.66	15.97		
YTB (class)	YTB 769				2.77	14.02		
KEOKUK	YTB 771				3.11	13.00		
SAUGUS	YTB 780				2.79	13.78		
YTB 781	YTB 781				2.56	13.41		
YTB 785	YTB 785				2.94	14.02		
WAPATO	YTB 788				3.10	12.88		
YTB (class)	YTB 789				2.50	14.99		
NATCHITOCHES	YTB 799				3.00	14.05		
PALATKA	YTB 801				2.80	13.00		
YTB 806	YTB 806				2.79	10.97		
HOUMA	YTB 811				3.20	14.05		
YTB 812	YTB 812				3.03	14.02		
YTB 813	YTB 813				2.63	19.2		
YTB 820	YTB 820				3.08	14.20		
YTB 826	YTB 826				2.82	14.32		
SHABONEE	YTB 833				2.77	13.34		
YTB 835	YTB 835				3.00	14.02		

<sup>1</sup> Only when towing.

Table Four

1. Ships other than aircraft carrier types (CV, CVN, LHA, LHD, and LPH) may not simultaneously exhibit the masthead lights required by Rule 27(b)(iii) and the lights required by Rule 27(b)(i) for vessels restricted in their ability to maneuver when such simultaneous exhibition will present a hazard to their own safe operations. In those instances, the lights required by Rule 27(b)(i) will be exhibited. Ships conducting flight operations also may not exhibit the stern light required by Rule 27(b)(iii).

2. To provide all-round visibility, the lights required by Rules 27 (a) and (b) will consist

of two lights, one light port and one light starboard on the mast or superstructure at each location in the vertical array.

3. The second masthead light required by Rule 23(a)(ii) and the lights and shapes required by Rules 24, 27, and 30(d)(i) are not displayed by submarines.

4. On mine warfare type ships the masthead lights will not always be above and clear of the minesweeping lights, as is required by Annex I, Section 2(f). The positions of the masthead lights with relation to the minesweeping lights are as follows:

Vessel	MSO No.	Relationship of forward masthead light to all minesweeping lights	Relationship of after masthead light to lower minesweeping lights	Relationship of after masthead light to upper minesweeping lights
USS IMPLICIT .....	455	below .....	lower than .....	below
USS CONQUEST .....	488	below .....	lower than .....	below
USS GALLANT .....	489	below .....	lower than .....	below
USS PLEDGE .....	492	below .....	lower than .....	below
MSB .....	15	below .....	— .....	—
MSB .....	16	do .....	— .....	—
MSB .....	25	do .....	— .....	—
MSB .....	28	do .....	— .....	—
MSB .....	29	do .....	— .....	—
MSB .....	41	do .....	— .....	—
MSB .....	51	do .....	— .....	—
MSB .....	52	do .....	— .....	—

5. The masthead light required by Rule 23(a)(i) is not located in the forepart of the vessel on the CSP Class and SLWT Class.

6. The arc of visibility of the after masthead light required by Rule 23(a)(ii) and Annex I, section 2(f) may be obstructed from right ahead on certain naval ships as follows:

USS KANSAS CITY (AOR 3) .....	1° 13'	USS HOLLAND (AS 32) .....	3° 46'
USS SAVANNAH (AOR 4) .....	1° 13'	USS KIDD (DDG 993) .....	0° 28.8'
USS WABASH (AOR 5) .....	1° 13'	USS CALLAGHAN (DDG 994) .....	0° 28.8'
USS KALAMAZOO (AOR 6) .....	1° 13'	USS SCOTT (DDG 995) .....	0° 28.8'
USS HUNLEY (AS 31) .....	2° 10'	USS CHANDLER (DDG 996) .....	0° 28.8'

7. On the following ships the arc of visibility of the forward masthead light required by Rule 23(a)(i) may be obstructed through 1.6° arc of visibility at the points 021° and 339° relative to the ship's head.

USS OLIVER HAZARD PERRY .....	FFG 7	USS STARK .....	FFG 31
USS MCINERNEY .....	FFG 8	USS JOHN L. HALL .....	FFG 32
USS WADSWORTH .....	FFG 9	USS JARRETT .....	FFG 33
USS DUNCAN .....	FFG 10	USS AUBREY FITCH .....	FFG 34
USS CLARK .....	FFG 11	USS UNDERWOOD .....	FFG 36
USS GEORGE PHILIP .....	FFG 12	USS CROMMELIN .....	FFG 37
USS SAMUEL ELIOT MORISON .....	FFG 13	USS CURTS .....	FFG 38
USS SIDES .....	FFG 14	USS DOYLE .....	FFG 39
USS ESTOCIN .....	FFG 15	USS HALYBURTON .....	FFG 40
USS CLIFTON SPRAGUE .....	FFG 16	USS MCCLUSKY .....	FFG 41
USS JOHN A. MOORE .....	FFG 19	USS KLAKRING .....	FFG 42
USS ANTRIM .....	FFG 20	USS THACH .....	FFG 43
USS FLATLEY .....	FFG 21	USS DEWERT .....	FFG 45
USS FAHRION .....	FFG 22	USS RENTZ .....	FFG 46
USS LEWIS B. PULLER .....	FFG 23	USS NICHOLAS .....	FFG 47
USS JACK WILLIAMS .....	FFG 24	USS VANDERGRIFT .....	FFG 48
USS COPELAND .....	FFG 25	USS ROBERT G. BRADLEY .....	FFG 49
USS GALLERY .....	FFG 26	USS TAYLOR .....	FFG 50
USS MAHLON S. TISDALE .....	FFG 27	USS GARY .....	FFG 51
USS BOONE .....	FFG 28	USS CARR .....	FFG 52
USS STEPHEN W. GROVES .....	FFG 29	USS HAWES .....	FFG 53
USS REID .....	FFG 30	USS FORD .....	FFG 54